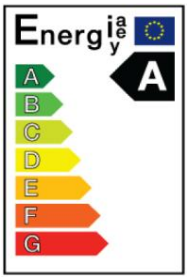
Essential Range

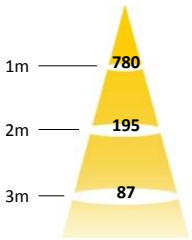
SAMSUNG ELECTRONICS LED Lamp MR16 / 7W / GU 5.3 / 40° / 2700K

■ Product

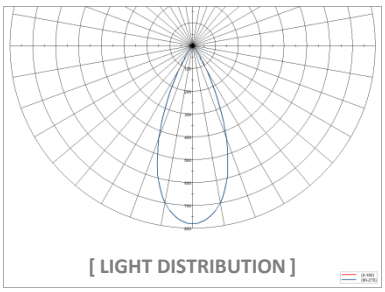
Maker	Samsung Electronics
-	-
Model Code / Bar Code	SI-M8W07SAD0EU / 8806085470798
Voltage	AC/DC 12V
Power Consumption	7W
Type of Lamp	LED lamp without ballast
Lamp Socket holder	GU 5.3



■ Lighting Data

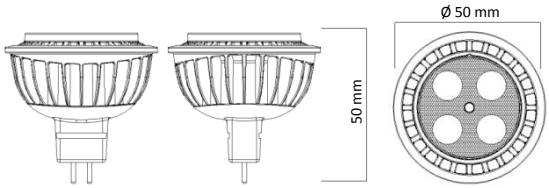


[ILLUMINANCE (lx)]



[LIGHT DISTRIBUTION]

■ Dimensional drawing



[Front] [Side] [Top]

■ Specifications

Type	MR16	Beam angle (°)	40
Equivalent to (W)	40	Operating temperature (℃)	-20~+40
Wattage (W)	7	Average lifetime (hrs)	15,000 (15.2 years*)
Lumen output (lm)	420	Color description	Warm White
Lamp efficacy (lm/W)	60	Color temperature (K)	2725±145
Voltage (V)	AC/DC 12	Color rendering index (Ra)	80
Frequency (Hz)	50/60	Diameter X Overall length (mm)	50 X 50
Input current (mA)	840	Starting time (s)	0.1
Power factor	≧0.5	Dimmable	No
CBCP (cd)	780	Weight (g)	50
On/Off cycles	200,000	Certification	CE

※ Specifications are subject to change without notice. *years : Average usage of 2.7hrs per Day

■ Application

・Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés (Suitable for accent lighting)

■ Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Middle Box (6pc/box)	Outer carton (24pc/box)
Dimensions (L×W×H)	70mm×55mm×91mm	180mm×81mm×192mm	357mm×192mm×203mm
Gross Weight (g)	74	530	2,540

■ Customer Benefits

・40W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
・80% less energy consumption compared to traditional lamps
・more than 15,000 hours average operating life (7.5 times longer than halogen lamps)
・contains no mercury or hazardous materials (RoHS Compliant) / ・emits no UV or IR radiation
・compatible with an extensive range of transformers (*recommended ballast list)